

Message Text

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ACTION EB-07

INFO OCT-01 ISO-00 IO-10 AF-06 ARA-06 EA-07 EUR-12 NEA-10

CCO-00 CIAE-00 OTPE-00 FCC-01 INR-07 NSAE-00 OC-05

COME-00 BIB-01 OIC-02 AS-01 L-03 /079 W

----- 047607

R 171815Z NOV 75

FM USMISSION GENEVA

TO SECSTATE WASHDC 6862

INFO AMEMBASSY ABU DHABI

AMEMBASSY ATHENS

AMEMBASSY BELGRADE

AMEMBASSY BERLIN

USMISSION BERLIN

AMEMBASSY BONN

USMISSION NATO

USAREUR

AMCONSUL FRANKFURT

AMEMBASSY LONDON

AMEMBASSY MANILA

AMEMBASSY MOSCOW

AMEMBASSY PARIS

AMEMBASSY ROME

AMEMBASSY SEOUL

AMEMBASSY TOKYO

USIA WASHDC

DOD

CHINFO WASHDC

OSAF WASHDC

DEPT OF ARMY WASHDC

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USAREUR FOR AEAPA, FRANKFURT FOR AFN-LCL MCBRIDE, STATE PASS BIB,

USIA FOR MOCERI, DOD FOR OIAF-VALENTINO, CHINFO FOR OPOO71C,

OSAF FOR SAFOIL, DEPT OF ARMY FOR OCINFO LCOL ODOM

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E.O. 11652: N/A

TAGS: PFOR, ETEL, ITU, GW, GE, US, RP, YO, TC, UR, KS, JA
SUBJECT: ITU LF/FM BROADCASTING CONFERENCE; SITREP NO. 17

REF: GENEVA 8632 (NOTAL); 8619 (NOTAL); 8531 (NOTAL) 8434 (NOTAL);
8425 (NOTAL); 8409 (NOTAL)

1. SIXTH WEEK OF LF/MF CONFERENCE WAS HECTIC WITH ALL OUT EFFORT BY ALL DELEGATIONS TO IMPROVE RESPECTIVE POSITIONS BY NEGOTIATION/HORSE TRADING. IFRB COMPUTER PRINTOUT WHICH WAS AVAILABLE LATE EVENING OF SUNDAY, NOVEMBER 16, IS THE DRAFT NEW PLAN; STATUS OF US INTERESTS ARE REPORTED IN PARAGRAPHS 2 THROUGH 6 BELOW.

2. AFN.

A. KOREA: SEOUL WAS SHIFTED FROM 1044 KHZ TO 549 KHZ WITH CONSIDERABLE IMPROVEMENT IN PROTECTION RATIO AND COVERAGE. OTHER AFKN STATIONS SHOW GOOD COVERAGE DURING DAYTIME HOURS BUT WITH SHARP REDUCTIONS AT NIGHT DUE CONSIDERABLE INTERFERENCE POTENTIAL FROM NORTH KOREA, CHINA, AND RUSSIA. ROK DELEGATES HAVE BEEN UNABLE TO CONFER WITH THE CHINESE; NORTH KOREA IS NOT REPRESENTED AT CONFERENCE; ROK EFFORTS WITH RUSSIANS HAVE NOT BEEN FRUITFUL.

B. JAPAN: TOKYO 810 KHZ SHOW EXCELLENT DAYTIME COVERAGE WITH SHARP REDUCTION AT NIGHT DUE TO RUSSIAN 150 KW STATION AT IMAN. JAPANESE DELEGATION NOT HAVING MUCH SUCCESS WITH RUSSIANS.

C. MOROCCO: KENITRA SHIFTED FROM 1485 KHZ TO 1584 KHZ AT URGENT REQUEST OF MOROCCAN DELEGATE. AFN WAS GIVEN THE CHOICE OF OPERATING ON 1485 KHZ AT 50 WATTS OR ON 1584 KHZ AT 250 WATTS, BOTH ARE LOW POWER CHANNELS. THE PREDICTED INTERFERENCE TO AND FROM MOROCCAN STATIONS WAS GREATER ON 1485 KHZ.

D. DIEGO GARCIA: SHIFTED FROM 1476 KHZ TO 1485 KHZ (LPC). THIS ACTION PROVIDES DIEGO GARCIA WITH A CLEAR CHANNEL AND ELIMINATES PROJECTED INTERFERENCE FROM DUBAI, UAE.

E. GREECE: ALL GREEK AFN STATIONS ON LPC AND LOOKING GOOD.

F. GERMANY: FRANKFURT 873 KHZ SHOWS GOOD DAYTIME LIMITED OFFICIAL USE

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COVERAGE WITH SHARP REDUCTION AT NIGHTTIME DUE TO RUSSIAN STATIONS AT KALIMING AND KICHINIO. STUTTGART 1143 KHZ SHOWS GOOD DAYTIME COVERAGE WITH 5 DB REDUCTION AT NIGHT DUE TO YUGOSLAV STATION. ATTEMPTS ARE BEING MADE BY FRG DEL TO IMPROVE THIS SITUATION.

G. PHILIPPINES: CUBI WAS SHIFTED FROM 1314 KHZ TO 1602 KHZ (LPC) TO ALLEVIATE EXISTING PREDICTION OF NO DAYTIME COVERAGE DUE TO 10 KW PHL STATION AT BAMBANG.

H. FOLLOWING IS A LISTING OF AFN FREQUENCIES AND

ASSOCIATED STATIONS:

549: KOR, SEOUL
576: KOR, MUNSAN
585: KOR, TAEGU
648: RYU, OKINAWA
783: KOR, PUSAN
810: J, TOKYO
873: D, FRANKFURT
1044: KOR, CHUNCHEON
1089: GUM, ANDERSON
1107: D, NUERNBERG, GRAFENWOEHR, KAISERSLAUTERN, BERLIN, MUNICH
1143: D, KARLSRUHE, BAD KISSINGEN, STUTTGART, BREMERHAVEN,
WUERZBURG, HERSFELD, ULM, GOEPPINGEN, SCHWEINFURT, HOF,
BAMBURG, HEIDELBERG, FULDA, WERTHEIM, BITBURG, GIESSEN,
WILDFLECKEN.
1152: KOR, KWANJU
1161: KOR, UIJONGBU
1197: KOR, TONGDUCHON
1224: MRL, KWAJELEIN
1314: PHL: BAGUIA/JOHN HAY, PORO TP/WALLACE
1359: KOR, OSAN
1440: KOR, PYONGTAEK, WEONJU, MASAN, KUNSAN
1485: D, ANSBACH, BERCHTESGADEN, REGENSBURG, AUGSBURG,
CRAILSHEIM, KASSEL, GARMISCH, HOHENFELS; PHX,
CANTON ISL; BIO, DIEGO GARCIA; ISL, KEFLAVIK;
WAK, WAKE ISL; GRC, NEA MAKRI.
1503: AZR, LAJES
1512: KOR, CHINHAE, POHANG, KWANGCHON; PHL, ANGELES/
CLARK, S ANTONIO/S MIGUEL.
1566: J, CHTOSE, SASEBO
1575: J. JISAWA, IWAKUNI
1584: MRC, KENITRA; GRC, IRAKLION, ATHENS
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1602: ASC, ASCENSION ISL; OLONGAPO/CUBI

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R 171815Z NOV 75

FM USMISSION GENEVA

TO SECSTATE WASHDC 6863

INFO AMEMBASSY ABU DHABI

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3. VOA

A. MUNICH 1197 KHZ: DRAFT PLAN COMPUTER RUN SHOWS

ONE DB HIGHER LEVEL OF NIGHTTIME INTERFERENCE THAN STATUS

QUO ON REFERENCE AZIMUTH OF FIFTY DEGREES. MAIN SOURCES

OF INTERFERENCE ARE MINSK STATION, NEW ROMANIAN 15 KW

STATION AND INCREASED POWER OF HUNGARIAN STATION ON

ADJACENT CHANNEL (1188 KHZ), AND POLISH STATIONS (1206

KHZ). SOVIETS DID NOT REDUCE POWER OF MINSK TRANSMITTER

TO 25 KW AND WE PRESUME THIS WILL BE FOLLOWED UP DIPLOMATICALLY AFTER CONFERENCE. COVERAGE UNDER PLAN MAY BE SLIGHTLY, BUT NOT SIGNIFICANTLY REDUCED. FREQUENCY IS STILL AMONG BEST IN CENTRAL EUROPEAN AREA.

B. KAVALA 792 KHZ: SABAC, YUGOSLAVIA IS OFF THE FREQUENCY AND LIBYA IS A NEW ADDITION, BUT A LOWER SOURCE IF INTERFERENCE. COMPUTER RUN SHOWS A DECLINE OF 7 DB IN INTERFERENCE LEVEL ON REFERENCE BEARING OF NINETEEN DEGREES, FROM STATUS QUO. A SIGNIFICANT COVERAGE IMPROVEMENT CAN BE EXPECTED IN BALKAN AREA.

C. RHODES 1290 KHZ: GREAT IMPROVEMENT IN EASTERN MEDITERRANEAN AREA. COMPUTER SHOWS 27 DB PROTECTION RATIO OCCURRING 590 KILOMETERS ALONG REFERENCE AZIMUTH OF 112 DEGREES WHILE PRE-CONFERENCE COMPUTER RUN SHOWED LESS THAN 300 KM. EGYPTIANS DELETED REQUIREMENT WHICH PREVIOUSLY WAS DANGER OF DISRUPTION TO RHODES COVERAGE. NEW 50 KW VATICAN STATION ON FREQUENCY, BUT DIRECTIONAL ANTENNA WILL PROTECT RHODES COVERAGE. VOA WILL HAVE TO ADJUST RHODES ANTENNA TO INCREASE PROTECTION TOWARDS POLAND, BUT THIS SEEMS TO BE NO GREAT PROBLEM.

D. PORO 1143 KHZ: AT PRESENT THIS IS A VERY GOOD FREQUENCY AND IT REMAINS SO. SOUTH KOREA 500 KW STATION IS A NEW ADDITION BUT DIRECTIONAL ANTENNA WILL PROTECT PORO IN SOUTHEAST ASIA. USE OF PRESENT 262 DEGREE ANTENNA CAN CONTINUE, BUT BEAM MAY EVENTUALLY HAVE TO BE SHIFTED A BIT MORE TO THE NORTH TO PROVIDE APPROXIMATELY 2 DB ADDITIONAL PROTECTION TOWARDS MALAYSIAN STATION. SOUTHEAST ASIAN COVERAGE SHOULD BE AS GOOD AS, OR BETTER THAN AT PRESENT.

E. BANGKOK 1575 KHZ: LOOKS LIKE ONE OF THE CLEAREST CHANNELS IN ASIA, WITH 27 DB PROTECTION RATIO OUT TO 682 KILOMETERS ON REFERENCE AZIMUTH OF SEVEN DEGREES. COVERAGE OF SOUTHEAST ASIA, NORTHEASTERN INDIA AND LIMITED OFFICIAL USE

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BANGLADESH SHOULD BE BETTER THAN PRESENTLY POSSIBLE.

4. RIAS, DURING DAYTIME, INTERFERENCE FREE COVERAGE SHOULD BE POSSIBLE UP TO APPROXIMATELY 100 KM FROM HOF ON 684 KHZ; 50 KM FROM BERLIN ON 855 KHZ AND 80 KM FROM BERLIN ON 990 KHZ. ACCORDING TO COMPUTER RUN THIS IS APPROXIMATELY SAME AS PRESENT COVERAGE. DURING NIGHTTIME, SYNCHRONIZED OPERATION OF HOF AND BERLIN ON 990 KHZ SHOULD PERMIT COVERAGE OF MOST OF GDR WITH CONSIDERABLY MORE EFFECTIVE SIGNAL THAN AT PRESENT. MAIN SOURCE OF INTERFERENCE TO RIAS ON 990 KHZ IS FROM PLANNED FINNISH STATION, WHICH MAY BE ADJUSTED AT LATER DATE. ON BALANCE, OVERALL EFFECTIVENESS OF RIAS EXPECTED TO IMPROVE.

5. RFE. 720 KHZ

A. 6-8 DB REDUCTION IN DIRECTION OF POLAND AND
CZECHOSLOVAKIA ACHIEVED OFFICIALLY FROM SWEDEN.

B. 10 DB REDUCTION IN DIRECTION OF POLAND AND
CZECHOSLOVAKIA ACHIEVED OFFICIALLY FROM RUSSIA.

C. ITALIAN COMMITMENT TO OPERATE "DAYTIME ONLY"
(AS DEFINED BY RECOMMENDATIONS MADE BY THE AD-HOC
COMMITTEE'S DOCUMENT 168, ANNEX 2, FIGURE 13 DATED 13 NOV
75 WHICH HAS BEEN FOOTNOTED IN DRAFT PLAN). THIS PROTECTS
RFE'S SERVICE AREA FROM POSSIBLE MASSIVE ITALIAN TWILIGHT
INTERFERENCE FROM THEIR DAYTIME ONLY STATIONS. WE HOPE TO
ACHIEVE ADDITIONAL COMMITMENT FOR SPECIAL PROTECTION
IN DIRECTION OF CZECHOSLOVAKIA AND POLAND FROM ITALIAN
TRIESTE TRANSMITTER.

D. FRG HAS ALTERNATE USE OF 720 KHZ FOR 200 KW IN
LANGENBERG BY WDR FOR "DAYTIME ONLY" USE IN ACCORDANCE
WITH RECOMMENDATION NOTED ABOVE BUT WITH THE ADDED
STIPULATION THAT HOURS OF OPERATION MAY BE RESTRICTED
FURTHER, IF NECESSARY, BY THE ADMINISTRATION OF RFE.
IT IS AT THIS MOMENT UNLIKELY THAT THE FRG WILL ACTUALLY
USE THE FREQUENCY.

6. LONGWAVE. THE PLAN ASSIGNS 209 KHZ TO MUNICH, BUT
WITH RADIATION RESTRICTIONS TO PROTECT PRESENT USERS.
AUTHORIZED DAYTIME POWER IN 500 KW; NIGHTTIME 250 KW.
A DIRECTIONAL ANTENNA MUST BE USED TO PROVIDE MINUS 20
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GAIN TOWARDS KIEV (70 TO 80 DEGREES) AND TOWARDS SICILY
(200 DEGREES). ANTENNA CAN HAVE GAIN OF UP TO 3 DB
BETWEEN APPROXIMATELY 270 AND 360 DEGREES.
TRANSMITTER SHOULD PROVIDE USEFUL SERVICE TO PARTS OF WESTERN
EUROPE, ESPECIALLY DURING DAYTIME. INCIDENTALLY, FRG
HAD TO ACCEPT POWER REDUCTIONS ON OWN FREQUENCY 155 KHZ,
BUT AT NO TIME DID FRG PROPOSE TO CEDE 209 KHZ AS MEANS OF
FURTHERING ITS POSITION ON 155 KHZ.

7. JAPANESE DEL DID NOT DELETE FOOTNOTE A208 TO SERIAL
NOS. 1900 AND 1901 CONCERNING TERMINATION OF VOA
OKINAWA ON 1178 KHZ (1179 KHZ IN NEW PLAN). JAPANESE
DID DECIDE ON NEW EQUIPMENT FOR USE OF 1179 KHZ AT
OSAKA WITH 50 KW, FOOTNOTED TO BE EFFECTIVE AT TIME THAT
USE OF 1179 KHZ CEASES ON OKINAWA.

8. 729 KHZ; GREECE PROBLEM WITH UAE. AS OF 1630 HOURS
TODAY, NO CHANGE TO SITUATION REPORTED GENEVA 8632. DALE

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Message Attributes

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